ddPCR Supermix for Probes (No dUTP)

Overview

This digital PCR supermix delivers maximum PCR efficiency and sensitivity for the amplification and detection of DNA targets using hydrolysis probe–based assays.

Read full description

Ordering Information

Give Feedback

Description Specifications Ordering Equipment Accessories Documents

Description

QX Software for Digital PCR Systems

When connected to a ddPCR System, QX Software provides all necessary functionality to create, run, and analyze experiments on your samples.

Learn More About QX Software for Digital PCR Systems »

Buy Digital PCR Assays

Simply enter your target of interest or sequence and order a ddPCR Assay

Find an Assay

Droplet Digital PCR Publications

Browse the growing list of cited peer-reviewed journal articles in Droplet Digital PCR research featuring Bio-Rad products.

Browse Publications ↗

This digital PCR supermix for probes (No dUTP) is a 2x concentrated, ready-to-use universal mix that has been optimized to deliver maximum PCR efficiency, specificity, and sensitivity in Droplet Digital™ PCR (ddPCR™).

Note: This product was previously named droplet PCR supermix.

Key Benefits

- Contains all components required for hydrolysis probe–based ddPCR except primers, probe(and template
- Limits nonspecific PCR amplification
- Optimized for use with validated ddPCR Assays
- Hot-start polymerase keeps enzyme inactive during sample droplet partitioning
- Allows for DNA recovery after amplification

Applications and Uses

- Absolute quantification

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- Mutation detection
- Copy number analysis
- Gene expression analysis
- NGS validation and library quantification
- Environmental monitoring
- Food testing

Packaging Options

Number of 20 µl Reactions	Supermix Volume, ml	Catalog Number
200	2 x 1	186-3023
500	5 x 1	186-3024
2,500	5 x 5	186-3025

Additional Reagents

Bio-Rad offers additional consumables for completing your digital PCR workflow:

- Digital PCR consumables
  - Droplet Generation Oil for Probes
  - ddPCR Droplet Reader Oil
  - DG8 Cartridges
  - DG8 Gaskets
- PrimePCR ddPCR Assays
- Digital PCR Library Quantification Kits

Additional Equipment

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This digital PCR supermix requires the use of the following instruments and accessories:

- QX600 Droplet Digital PCR System
- QX600 AutoDG Droplet Digital PCR System
- QX200 Droplet Generator
- QX200 Droplet Reader
- PX1 PCR Plate Sealer
- PTC Tempo Deepwell Thermal Cycler or C1000 Touch Thermal Cycler with 96 Deep–Well Reaction Module

Related Products

Bio-Rad offers additional digital PCR supermixes including:

- ddPCR Supermix for Probes
- QX200 ddPCR EvaGreen Supermix

More Information

This ddPCR Supermix for Probes (No dUTP) is optimized for use with Droplet Generation Oil for Probes on the QX600 or QX200 Droplet Digital PCR System.

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Specifications

Storage at –20°C	Up to 18 months (refer to expiration date)
Storage at 4°C (after thawing)	Up to 2 weeks
Template compatibility	cDNA, genomic DNA, plasmid DNA

Ordering

ddPCR™ Supermix for Probes (No dUTP)

1863023

2 ml (2 x 1 ml), 2x supermix, for use in sample preparation for droplet generation in the QX600/QX200 Droplet Digital PCR Systems

List Price: **$268.00**

Log in to see your price

Quantity: 1

Add to Cart

Buy It Now

Add to Quote

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ddPCR Supermix for Probes (No dUTP)

1863024

5 ml (5 x 1 ml), 2x supermix, for use in sample preparation for droplet generation in the QX600/QX200 Droplet Digital PCR Systems

List Price: **$670.00**

Log in to see your price

Quantity: 1

Add to Cart

Buy It Now

Add to Quote

Add to Hot List

ddPCR Supermix for Probes (No dUTP)

1863025

List Price: **$3,350.00**

Give Feedback

25 ml (5 x 5 ml), 2x supermix, for use in sample preparation for droplet generation in the QX600/QX200 Droplet Digital PCR Systems

Log in to see your price

Quantity: 1

Add to Cart

Buy It Now

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Equipment

QX600 Droplet Digital PCR System

17007769

Discover how the QX600 Droplet Digital PCR System enables 6-color multiplexing, allowing clear discrimination of multiple targets within samples.

List Price: **Inquire**

Log in to see your price

Quantity: 1

Add to Cart

Buy It Now

Add to Quote

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QX600 AutoDG Droplet Digital PCR System

17008371

List Price: **Inquire**

Log in to see your price

Give Feedback

Discover how the QX600 AutoDG Droplet Digital PCR System enables and automates 6-color multiplexing for up to 96-samples per run providing clear discrimination of multiple targets.

Quantity: 1

Add to Cart

Buy It Now

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QX600 Droplet Reader

12013328

The QX600™ Droplet Reader enables advanced six-color multiplexing, allowing clear discrimination of multiple targets with assays that are cross-compatible with the QX200™ Droplet Digital™ PCR (ddPCR™) System.

List Price: **Inquire**

Log in to see your price

Quantity: 1

Add to Cart

Buy It Now

Add to Quote

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Automated Droplet Generator

1864101

AutoDG Instrument for automated droplet generation of up to 96 samples, for use with the QX600/QX200 Droplet Digital PCR Systems

List Price: **Inquire**

Log in to see your price

Quantity: 1

Add to Cart

Buy It Now

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QX200 Droplet Digital PCR System

1864001

Droplet Digital PCR System, includes droplet generator, droplet reader, computer, software, associated component consumables, for EvaGreen or probe-based digital PCR applications

List Price: **Inquire**

Log in to see your price

Promotion Available

Quantity: 1

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QX200™ Droplet Generator

1864002

Droplet generator for EvaGreen or probe-based digital PCR applications, for use with QX200™ Droplet Digital™ PCR System

List Price: **$30,000.00**

Log in to see your price

Quantity: 1

Add to Cart

Buy It Now

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QX200 Droplet Reader

1864003

Droplet reader for EvaGreen or probe-based digital PCR applications, for use with the QX200 Droplet Digital™ System

List Price: **Inquire**

Log in to see your price

Quantity: 1

Add to Cart

Buy It Now

Add to Quote

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PX1 PCR Plate Sealer

1814000

PCR plate sealer, includes heat sealing instrument, plate support block that holds

List Price: **$5,381.00**

Log in to see your price

Give Feedback

96-well and 384-well plates, sealing frame, power cord

Quantity: 1

Add to Cart

Buy It Now

Add to Quote

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C1000 Touch™ Thermal Cycler with 96–Deep Well Reaction Module

1851197

Modular thermal cycler platform, includes C1000 Touch Thermal Cycler chassis, 96–deep well reaction module, USB flash drive

List Price: **$11,590.00**

Log in to see your price

Promotion Available

Quantity: 1

Add to Cart

Buy It Now

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Accessories

Droplet Generation Oil for Probes

1863005

List Price: **$410.00**

Log in to see your price

70 ml (10 x 7 ml), oil for use with droplet generator in the QX600/QX200 Droplet Digital™ PCR Systems

Quantity: 1

Add to Cart

Buy It Now

Add to Quote

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ddPCR™ Buffer Control for Probes

1863052

9 ml (2 x 4.5 ml), 2x buffer, for use as blank control with Droplet Generation Oil for Probes

List Price: **$336.00**

Log in to see your price

Quantity: 1

Add to Cart

Buy It Now

Add to Quote

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ddPCR™ Droplet Reader Oil

1863004

2 L (2 x 1 L), oil for use with droplet reader in the QX600/QX200 Droplet Digital™ PCR Systems

List Price: **$2,019.0(**

Log in to see your price

Quantity: 1

Add to Cart

Buy It Now

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DG8™ Cartridges for QX200™/QX100™ Droplet Generator

1864008

Pkg of 24, cartridges for use with the QX200 Droplet Generator

List Price: **$345.00**

Log in to see your price

Quantity: 1

Add to Cart

Buy It Now

Add to Quote

Add to Hot List

DG8™ Gaskets for QX200™/QX100™ Droplet Generator

1863009

Pkg of 24, gaskets for use with QX200 Droplet Generator

List Price: **$85.00**

Log in to see your price

Quantity: 1

Add to Cart

Buy It Now

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DG8™ Cartridges and Gaskets

1864007

5 pkg of 24 DG8 Cartridges, 5 pkg of 24 DG8 Gaskets, for use with the QX200 Droplet Generator

List Price: **$2,076.00**

Log in to see your price

Quantity: 1

Add to Cart

Buy It Now

Add to Quote

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PCR Plate Heat Seal, foil, pierceable

1814040

Pkg of 100, foil seals for PCR and QX200/QX100 Droplet Digital PCR System applications, for use with PX1 PCR Plate Sealer

List Price: **$127.00**

Log in to see your price

Quantity: 1

Add to Cart

Buy It Now

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Documents

Login Required

Description

6338	Droplet Digital™ PCR (ddPCR™) Supermixes Flier, Rev A	Add to Cart (Free)
10026868	ddPCR™ Supermix for Probes (No dUTP) Product Insert	
10040718	Droplet Generation Oil for Probes Product Insert	
6311	QX200 Droplet Digital PCR System Brochure, Rev C	Add to Cart (Free)
10031907	Instruction Manual, QX200™ Droplet Generator, Rev C	
10031906	Instruction Manual, QX200 Droplet Reader and QuantaSoft Software	
6712	Ultra-Sensitive Quantification of Genome Editing Events Using Droplet Digital™ PCR Application Note, Ver B	

United States

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